WHAT IS CLAIMED IS:

A shielded intravenous infusion or blood collection assembly comprising:

a. an elongate needle;

b. a length of tubing;

c. an elongate housing supporting said needle at one end and said tubing at the other end in fluid communication;

d. said housing comprising a pair of oppositely directed outwardly extended wings; and

e. a shield pivotally secured to said housing for pivotal movement from a position away from said needle to a position enclosing said needle.

2 1. The assembly of claim 1, wherein said wings are flexible.

3 2. The assembly of claim 1, wherein said wings are rigid.

4 3. The assembly of claim 1, further including means for mounting said shield to said housing.

5 4. The assembly of claim 4 wherein said mounting means includes a clip positionable about said wings adjacent said housing for securing said shield to said housing.

6 5. The assembly of claim 5, wherein said clip is integrally formed with said shield.

7 6. The assembly of claim 5, wherein said shield is connected to said clip by a living hinge.

8 7. The assembly of claim 7, wherein said living hinge includes a pair of spaced apart hinge elements that form a double living hinge.

8. The assembly of claim 1, wherein said shield comprises a proximal end, a distal end, a pair of opposed sidewalls and a top surface thereby defining an elongated recess extending from said distal end to the proximal end for housing said needle therein in said closed position.

9. The assembly of claim 4, wherein said shield pivotally moves about a hinge axis between said shield and said clip located on the tubing side of the wings on said housing.

10. The assembly of claim 10, wherein said shield sidewalls include opposed inwardly directed protrusions adjacent said proximal end of said shield for engaging said clip when the shield is in the enclosed position over the needle.

11. The assembly of claim 4, wherein said shield pivotally moves about a hinge axis between said shield and said clip located on said needle side of the wings on said housing.

12. The assembly of claim 12, wherein said shield sidewalls include opposed inwardly directed protrusions adjacent said proximal end of said housing for engaging said housing when the shield is in the enclosed position over the needle.

13. The assembly of claim 9, wherein said shield sidewalls comprise at least one inwardly directed protrusion adjacent said distal end of said recess of said shield; said distal protrusion being deflectable by said needle when said needle enters said elongated recess and said distal protrusion returnable to its undeflected position to permanently lock said needle within said shield.

14. The assembly of claim 9 wherein said shield includes a top finger guide area comprising a first ramp that extends slightly in an upwardly slope from a proximal end of said shield to a shoulder.

15. The assembly of claim 9, wherein said first ramp includes touch bumps.

16. The assembly of claim 1, wherein said needle includes an upwardly facing beveled surface on the distal end thereof and said shield and said wings are aligned with said upwardly facing beveled surface of said needle.

17. A safety device for a winged needle assembly having a needle, tubing and a housing in mutual fluid communication said device comprising:

a. a shield pivotally supportable to said housing for pivotal movement from a position away from said needle to a position enclosing said needle connected to said housing; and

b. means for mounting said shield to said housing

18. The assembly of claim 18, wherein said mounting means includes a clip positionable about said wings adjacent said housing for securing said shield to said housing.

19. The assembly of claim 19, wherein said clip is integrally formed with said shield.

20. The assembly of claim 19, wherein said shield is connected to said clip by a living hinge.

21. The assembly of claim 21, wherein said living hinge includes a pair of spaced apart hinge elements to form a double living hinge.

23 22. The assembly of claim18, wherein said shield comprises a proximal end, a distal end, a pair of opposed sidewalls and a top surface thereby defining an elongated recess extending from said distal end to the proximal end for housing said needle therein.

24 23. The assembly of claim 19, wherein said shield pivotally moves about a hinge axis between said shield and said clip located on the tubing side of the wings on said housing.

25 24. The assembly of claim 19, wherein said shield sidewalls include opposed inwardly directed protrusions adjacent said proximal end of said shield for engaging said clip when the shield is in the enclosed position over the needle.

24 25. The assembly of claim 19, wherein said shield pivotally moves about a hinge axis between said shield and said clip located on said needle side of the wings on said housing.

27 26. The assembly of claim 23, wherein said shield sidewalls include opposed inwardly directed protrusions adjacent said proximal end of said housing for engaging said housing when the shield is in the enclosed position over the needle.

26 27. The assembly of claim 23, wherein said shield sidewalls comprise at least one inwardly directed protrusion adjacent said distal end of said recess of said shield; said distal protrusion being deflectable by said needle when said needle enters said elongated recess and said distal protrusion returnable to its undeflected position to permanently lock said needle within said shield.

29 28. The assembly of claim 23, wherein said shield comprises a top finger guide area comprising a first ramp that extends slightly on an upwardly slope from the proximal end of said shield to a shoulder; said first ramp includes touch bumps.

add 25